

L Number	Hits	Search Text	DB	Time stamp
1	42012	honda.in. OR kanzawa.in. OR moriyama.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 07:40
2	✓ 11	(honda.in. OR kanzawa.in. OR moriyama.in.) AND ((bidirection\$3 ADJ1 line ADJ1 switch\$3) OR BLSR)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 07:42
4	✓ 14	(honda.in. OR kanzawa.in. OR moriyama.in.) AND ((automatic\$4 ADJ1 protect\$5 ADJ1 switch\$3) OR APS)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 07:44
7	✗ ✓ 375	((bi\$1direction\$5 ADJ1 line ADJ1 switch\$3) OR BLSR)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 15:33
12	5076	(span ADJ1 switch\$5) OR span\$2switch\$5 OR (ring ADJ1 switch\$5) OR ring\$1switch\$5 OR SF\$1S OR SF\$1R	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 10:57
13	2274669	ring\$3 OR loop\$3 OR SONET\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 11:02
16	1416959	fault\$3 OR fail\$5 OR SD OR (signal ADJ1 degrad\$5) OR SF OR (signal ADJ1 fail\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 11:00
17	502	((span ADJ1 switch\$5) OR span\$2switch\$5 OR (ring ADJ1 switch\$5) OR ring\$1switch\$5 OR SF\$1S OR SF\$1R) SAME (fault\$3 OR fail\$5 OR SD OR (signal ADJ1 degrad\$5) OR SF OR (signal ADJ1 fail\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 10:02
18	✓ 310	((span ADJ1 switch\$5) OR span\$2switch\$5 OR (ring ADJ1 switch\$5) OR ring\$1switch\$5 OR SF\$1S OR SF\$1R) SAME (fault\$3 OR fail\$5 OR SD OR (signal ADJ1 degrad\$5) OR SF OR (signal ADJ1 fail\$5)) AND (ring\$3 OR loop\$3 OR SONET\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 10:03
22	✓ 98	((span ADJ1 switch\$5) OR span\$2switch\$5 OR SF\$1S) SAME ((ring ADJ1 switch\$5) OR ring\$1switch\$5 OR SF\$1R)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 10:58
24	✓ 31	GR-1230\$1CORE\$4 OR (GR ADJ1 "1230" ADJ1 CORE\$4) OR (GR-1230 ADJ1 CORE\$4) OR GR-1230-CORE OR R6-151 OR (R6 ADJ1 "151")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 10:59
29	85779	work\$5 SAME protect\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 12:10
30	4180	(ring\$3 OR loop\$3 OR SONET\$1) SAME (work\$5 SAME protect\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 11:03
31	508	(ring\$3 OR loop\$3 OR SONET\$1) SAME (work\$5 SAME protect\$5) SAME (fault\$3 OR fail\$5 OR SD OR (signal ADJ1 degrad\$5) OR SF OR (signal ADJ1 fail\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/09 11:03

32	✓ 280	(ring\$3 OR loop\$3 OR SONET\$1) SAME (work\$5 SAME protect\$5) SAME (fault\$3 OR fail\$5 OR SD OR (signal ADJ1 degrad\$5) OR SF OR (signal ADJ1 fail\$5)) AND (370/\$6.ccls. OR 714/\$6.ccls. OR 359/\$6.ccls. OR 398/\$6.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 11:03
37	2076	370/216,217,221-224,225,228.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:17
40	✓ 89	370/216,217,221-224,225,228.ccls. AND ((span ADJ1 switch\$5) OR span\$2switch\$5 OR (ring ADJ1 switch\$5) OR ring\$1switch\$5 OR SF\$1S OR SF\$1R)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 11:53
48	✓ 357	370/216,225,228.ccls. AND ((ring\$3 OR loop\$3 OR SONET\$1) SAME (fault\$3 OR fail\$5 OR SD OR (signal ADJ1 degrad\$5) OR SF OR (signal ADJ1 fail\$5)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:09
52	589	370/228.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:09
53	✓ 239	370/228.ccls. AND (ring\$3 OR loop\$3 OR SONET\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:09
56	14105	(automatic ADJ1 protect\$5 ADJ1 switch\$3) OR APS OR (K\$2 ADJ1 byte\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:12
57	173	((automatic ADJ1 protect\$5 ADJ1 switch\$3) OR APS) OR (K\$2 ADJ1 byte\$1)) SAME (work\$5 SAME protect\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:16
62	533	((automatic ADJ1 protect\$5 ADJ1 switch\$3) OR APS) OR (K\$2 ADJ1 byte\$1)) AND (work\$5 SAME protect\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:30
63	123	370/216-228.ccls. AND (((automatic ADJ1 protect\$5 ADJ1 switch\$3) OR APS) OR (K\$2 ADJ1 byte\$1)) AND (work\$5 SAME protect\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:17
85	✓ 2	6269452.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:12
88	✓ 12	("4847610" "5319633" "5341364" "5442620" "5469428" "5550805" "5663950" "5712968" "5737310" "5949755" "6269452" "RE37401").PN.	USPAT	2004/01/09 15:02
89	✓ 3	6430700.URPN.	USPAT	2004/01/09 15:03
92	✓ 10	("4847610" "5319633" "5341364" "5442620" "5469428" "5550805" "5663950" "5712968" "5737310" "5949755").PN.	USPAT	2004/01/09 15:04
93	✓ 6	6269452.URPN.	USPAT	2004/01/09 15:06
55	14105	((automatic ADJ1 protect\$5 ADJ1 switch\$3) OR APS) OR (K\$2 ADJ1 byte\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:12

09/686.686
Dht 1/4/04

[Advanced Search](#)[Preferences](#)[Language Tools](#)[Search Tips](#)

[Web](#) - [Images](#) - [Groups](#) - [Directory](#) - [News](#)

Searched the web for **"bellcore" + "issue 4" + "1998" + "1230"**. Results **11 - 15** of about **25**. Search took **0.32** sec

RFC2892

... [2] IEEE 802.5 Token Ring Specification. [3] **Bellcore GR-1230, Issue 4**, Dec. 1998, "SONET Bidirectional Line-Switched Ring Equipment Generic Criteria". ...
www.scit.wlv.ac.uk/rfc/rfc28xx/RFC2892.html - 75k - [Cached](#) - [Similar pages](#)

[PDF] Network Working Group D. Tsiang

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Page 1. Network Working Group D. Tsiang Request for Comments: 2892

G. Suwala Category: Informational Cisco Systems August 2000 The ...

www.faqs.org/ftp/rfc/pdf/rfc2892.txt.pdf - [Similar pages](#)

[PDF] Draft Standard for Information Technology -Telecommunications and ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Page 1. Draft 0.1 P802.17 Draft Standard for Information Technology

-Telecommunications and information exchange between systems ...

www.ieee802.org/17/documents/presentations/sep2001/nu_draft_01.pdf - [Similar pages](#)

[PDF] Proposed Draft Standard for Part 17: Resilient packet ring access ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Page 1. P802.17/D1.0 January 29, 2002 Proposed Draft Standard for Information Technology - Telecommunications and information exchange ...

www.ieee802.org/17/documents/drafts/Darwin_v1_0.pdf - [Similar pages](#)

[[More results from www.ieee802.org](#)]

[PDF] Digest of Technical Information

File Format: PDF/Adobe Acrobat

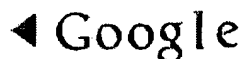
Page 1. Page 2. The Telcordia Digest OF TECHNICAL INFORMATION is published monthly by Telcordia Technologies, Inc. The purpose of ...

www.telcordia.com/resources/genericreq/digest/downloads/apr2001digest.pdf - [Similar pages](#)

[[More results from www.telcordia.com](#)]

In order to show you the most relevant results, we have omitted some entries very similar to the 15 already displayed.

If you like, you can repeat the search with the omitted results included.



Result Page: [Previous](#) [1](#) [2](#)

[Search within results](#)

[Google Home](#) - [Advertise with Us](#) - [Business Solutions](#) - [Services & Tools](#) - [Jobs](#), [Press](#), & [Help](#)

©2004 Google

[Advanced Search](#)[Preferences](#)[Language Tools](#)[Search Tips](#)

[Web](#) · [Images](#) · [Groups](#) · [Directory](#) · [News](#)

Searched the web for **+\"gR-1230-core\" +\"issue 4\"**.

Results **1 - 10** of about **29**. Search took **0.36** seconds.

TON: Volume 7, Issue 4 , High availability path design ...

... ACM Transactions on Networking (TON) archive Volume 7 , **Issue 4** (August 1999 ... 7 **GR-1230-Core**, SONET Bidirectional Line-Switched Ring Equipment Generic Criteria ...

portal.acm.org/ citation.cfm?id=316739.316747&dl=GUIDE&dl=ACM&idx=J771&part=periodical&... - [Similar pages](#)

Citation

... ACM Transactions on Networking (TON) >archive Volume 7 , **Issue 4** (August 1999 ... 7 **GR-1230-Core**,

SONET Bidirectional Line-Switched Ring Equipment Generic Criteria ...

portal.acm.org/ citation.cfm?id=316739.316747&coll=portal&dl=ACM&idx=J771&part=transaction... -

Supplemental Result - [Similar pages](#)

[doc] Contribution Number: SIF-IC-9604-040-R3

File Format: Microsoft Word 97 - [View as HTML](#)

... 1998. □**GR-1230-CORE**, SONET Bi-Directional Line-Switched Ring Equipment Generic Criteria□, Telcordia, **Issue 4**, December 1998. □GR ...

www.atis.org/pub/sif/gen/gn9b1230.doc - [Similar pages](#)

[doc] Contribution Number: SIF-IC-9604-040-R3

File Format: Microsoft Word 97 - [View as HTML](#)

... Telcordia Documents: Telcordia **GR-1230-CORE**, SONET Bidirectional Line-Switched Ring Generic Criteria, **Issue 4**, December 1998. Telcordia ...

www.atis.org/pub/sif/gen/gn030151.doc - [Similar pages](#)

References

... **GR-1230-CORE**, "SONET Bi-directional Line Switched Ring (BLSR) Equipment Generic Criteria," **Issue 4**, (Bellcore, December 1998). ...

www.nanog.org/mtg-0010/ppt/sadler/tsld034.htm - 2k - [Cached](#) - [Similar pages](#)

IP-oriented control of unidirectional-path-switched-ring-based ...

... 2. **GR-1230-CORE**, "SONET bi-directional line switched ring (BLSR) equipment generic criteria," **Issue 4** (Bellcore, December 1998), <http://www.telcordia.com>. ...

www.osa-jon.org/abstract.cfm?URI=JON-2-3-69 - 18k - [Cached](#) - [Similar pages](#)

<html> <head> </head><body><pre><html> <head> < ...

... 1996. [GR1230] **GR-1230-CORE**, SONET Bi-directional Line-Switched Ring Equipment Generic Criteria, **Issue 4**, December 1998. [GR3009 ...

www.watersprings.org/links/mlr/id/ draft-guo-optical-mesh-ring-01.txt - 26k - [Cached](#) - [Similar pages](#)

[PDF] Leveraging IP Signaling and Routing to Manage UPSR-based Transport ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... [2] **GR-1230-CORE**, "SONET Bi-directional Line Switched Ring (BLSR) Equipment Generic Criteria," **Issue 4**, Bellcore, December 1998. ...

www.metanoia-inc.com/Publications/ICC2003_3301.pdf - [Similar pages](#)

[PDF] IP-oriented control of unidirectional-path-switched-ring-based ...

File Format: PDF/Adobe Acrobat

[Advanced Search](#)[Preferences](#)[Language Tools](#)[Search Tips](#)

[Web](#) · [Images](#) · [Groups](#) · [Directory](#) · [News](#) ·

Searched the web for **+\"gR-1230-core\" +\"blsr\"**.

Results **1 - 10** of about **182**. Search took **0.30** seconds.

SONET Testing - GR-1377, GR-253 Testing Lab - NTS Test Labs

... **GR-1230-Core** (Bidirectional Line Switched Rings [**BLSR**]); GR-1244-Core (Network Synchronization); GR-1400-Core (Unidirectional Path Switched Rings [**UPSR**]). ...

www.ntscorp.com/scripts/test/test44.html - 20k - [Cached](#) - [Similar pages](#)

Cisco - Restoration Flexibility with the Addition of Four-Fiber ...

... Large interexchange and some metro service providers leverage four fiber **BLSR** technology (Telcordia **GR-1230-CORE**) for their interoffice facility networks. ...

www.cisco.com/warp/public/cc/pd/olpl/metro/on15454/prodlit/fibr_an.htm - 16k - [Cached](#) - [Similar pages](#)

[PDF] ONS 15454 Optical Platform

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Application Description Large interexchange and some metro service providers leverage four fiber **BLSR** technology (Telcordia **GR-1230-CORE**) for their interoffice ...

www.cisco.com/warp/public/cc/pd/olpl/metro/on15454/prodlit/fibr_an.pdf - [Similar pages](#)

[[More results from www.cisco.com](#)]

[PDF] Protection Requirements in RPR Interconnection

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... is realized through double attachment devices. – **GR-1230-Core (BLSR)**

– GR-1400-Core (UPSR) Page 8. 8 IEEE 802.17 July 2001 (bjl_inter_02 ...

www.ieee802.org/17/documents/presentations/jul2001/bjl_inter_02.pdf - [Similar pages](#)

IP-oriented control of unidirectional-path-switched-ring-based ...

... 2. **GR-1230-CORE**, "SONET bi-directional line switched ring (**BLSR**) equipment generic criteria," Issue 4 (Bellcore, December 1998), <http://www.telcordia.com>. ...

www.osa-jon.org/abstract.cfm?URI=JON-2-3-69 - 18k - [Cached](#) - [Similar pages](#)

[doc] SIF-IM-9910-yyy

File Format: Microsoft Word 97 - [View as HTML](#)

... no requirements for inservice upgrade from linear-APS to **BLSR**, but there is an objective in Telcordia SONET **BLSR** functional requirements document **GR-1230-CORE**: ...

www.atis.org/pub/sif/im/im9a1090.doc - [Similar pages](#)

[doc] Contribution Number: SIF-IC-9604-040-R3

File Format: Microsoft Word 97 - [View as HTML](#)

... In a 2-fiber **BLSR**, half of the bandwidth on each of the two fibers is reserved for protection. **GR-1230-CORE** provides generic criteria for both 2- and 4-fiber ...

www.atis.org/pub/sif/pr/pr090400.doc - [Similar pages](#)

[[More results from www.atis.org](#)]

References

... **GR-1230-CORE**, "SONET Bi-directional Line Switched Ring (**BLSR**) Equipment Generic Criteria," Issue 4, (Bellcore, December 1998). ...

www.nanog.org/mtg-0010/ppt/sadler/tsld034.htm - 2k - [Cached](#) - [Similar pages](#)

NEC RESEARCH & DEVELOPMENT 99/1: Paper 3

... is a self-healing type ring network that adopts the **BLSR**(Bi-Directional Line Switched

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **14** of **995179** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Publication year** in **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 **Understanding the trade-offs associated with sharing protection**

Lipes, L.;

Optical Fiber Communication Conference and Exhibit, 2002. OFC 2002 , 17-2: March 2002

Pages:786 - 787

[\[Abstract\]](#)

[\[PDF Full-Text \(278 KB\)\]](#)

IEEE CNF

2 **Availability model of bidirectional line switched ring**

Rados, I.; Turalija, P.; Sunaric, T.;

Transparent Optical Networks, 2001. Proceedings of 2001 3rd International Conference on , 18-21 June 2001

Pages:312 - 316

[\[Abstract\]](#)

[\[PDF Full-Text \(320 KB\)\]](#)

IEEE CNF

3 **Grooming of arbitrary traffic in SONET/WDM BLSRs**

Peng-Jun Wan; Calinescu, G.; Frieder, O.;

Selected Areas in Communications, IEEE Journal on , Volume: 18 , Issue: 10 2000

Pages:1995 - 2003

[\[Abstract\]](#)

[\[PDF Full-Text \(156 KB\)\]](#)

IEEE JNL

4 **Practical traffic grooming scheme for single-hub SONET/WDM rings**

Xiang-Yang Li; Liwu Liu; Peng-Jun Wan; Frieder, O.;

Communication Technology Proceedings, 2000. WCC - ICCT 2000. International Conference on , Volume: 2 , 21-25 Aug. 2000

Pages:1193 - 1200 vol.2



Welcome
United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)
» [Adva](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

- 1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.
Example: optical <and> (fiber <or> fibre) <in> ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

```
(span <near/1> switch*) or
span*switch* or (ring
<near/1> switch*) or
ring*switch* or sf-s or sf-r
```


Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

Search Options:

Select publication types:

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

Select years to search:

From year: to

Organize search results by:

Sort by:

In: order

List Results per page

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

- 1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.
Example: optical <and> (fiber <or> fibre) <in> ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

```
gr*1230*core* or (gr
<near/1> "1230" <near/1>
core*) OR r6*151 or (r6
<near/1> "151")
```


Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

Search Options:

Select publication types:

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

Select years to search:

From year: to

Organize search results by:

Sort by:

In: order

List Results per page